

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 102423-108 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/561381</b>
INTERNATIONAL APPLICATION NO. PCT/US2004/019523	INTERNATIONAL FILING DATE 18 June 2004	PRIORITY DATE CLAIMED 25 June 2003
TITLE OF INVENTION Lead Frame Routed Chip Pads for Semiconductor Packages		
APPLICANT(S) FOR DO/EO/US Shafidul Islam; Romarico Santos San Antonio; Anang Subagio		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.		
2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.		
3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.		
4. <input checked="" type="checkbox"/> The US has been elected (Article 31).		
5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul>		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul>		
7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul>		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.		
12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
13. <input type="checkbox"/> A preliminary amendment.		
14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.		
15. <input type="checkbox"/> A substitute specification.		
16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.		
17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.		
18. <input checked="" type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).		
19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/561381</b>		INTERNATIONAL APPLICATION NO. <b>PCT/US 2004/019523</b>		ATTORNEY'S DOCKET NUMBER <b>102423-108</b>	
20. Other items or information:					
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				\$ 300	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c))					
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0				\$ 200	
All other situations.....\$200					
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))					
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100				\$ 100	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400					
All other situations.....\$500					
TOTAL OF 21, 22 and 23 =				600	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$ -0-	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ -0-	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	20 - 20 =	0	x \$ 50	\$ -0-	
Independent claims	2 - 3 =	0	x \$200	\$ -0-	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$ -0-	
TOTAL OF ABOVE CALCULATIONS =				\$ 600	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
SUBTOTAL =				\$ 600	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$ -0-	
TOTAL NATIONAL FEE =				\$ 600	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 40	
TOTAL FEES ENCLOSED =				\$ 640	
				Amount to be refunded:	\$
				Amount to be charged	\$ 640

ATTORNEY'S DOCKET 102423/108  
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PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021  
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- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 23-1665 in the amount of \$ 640.00 / xx to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-1665. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer Number

27267

  
SIGNATURE

Gregory S. Rosenblatt  
NAME

Attorney Reg. No. 32,489  
REGISTRATION NUMBER

10/561381

IAP4 Rec'd PCT/PTO 16 DEC 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Shafidul Islam Romarico Santos San Antonio Anang Subang	Docket:	102423-108
Serial No.:	Not Yet Assigned	Art Unit:	N.A.
Filed:	Herewith	Examiner:	N.A.
Assignee:	Advanced Interconnect Technologies Limited	Conf. No.	N.A.
Title:	Lead Frame routed Chip Pads For Semiconductor Packages		

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING OR TRANSMISSION (37 CFR 1.10)

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being:

- ☒ deposited with the United States Postal Service on the date shown below with sufficient postage as Express Mail Label No. EV 544 766 134 US in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
- ☐ transmitted by facsimile on the date shown below to the United States Patent and Trademark Office via facsimile at (571) 273-8300.

December 16, 2005

Signed: \_\_\_\_\_

Gregory S. Rosenblatt

Dear Sir:

Applicants enclose herewith the following papers for the filing of a United States National Phase patent applications under the provisions of 35 U.S.C. 371.

1. Transmittal Letter to the United States DO/EO/US concerning a Submission Under 35 U.S.C. 371.
2. Declaration for Utility or Design Patent Application Under 37 CFR 1.63
3. Power of Attorney and Correspondence Address Indication Form
4. Assignment and Form PTO 1595
5. International Application Number: PCT/US2004/019523

10/561381

Attorney Docket No. 102819-100

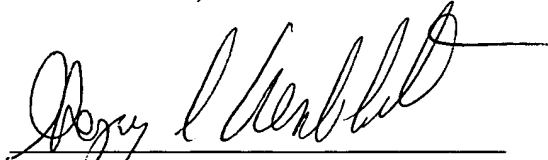
U.S. Serial No. Not Yet Assigned

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Please apply any credits or charge any deficiencies to our Deposit Account No. 23-1665.

Respectfully submitted,  
Shafidul Islam, et al.



Date: December 16, 2005

Gregory S. Rosenblatt  
Reg. No. 32,489

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